

REVISED  
VERSION

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/ ES 2003/000596

## A CLASSIFICATION OF SUBJECT MATTER

IPC 7 C22C32/00, B22F3/23

According to International Patent Classification (IPC) or to both national classification and IPC

## B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C22C, B22F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CIBEPAT, EPODOC, WPI, XPESP, HCPLUS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US5897830 A (ABKOWITZ et al.) 27-04-1999 <b>The whole document</b>	1,3,5 6,10,12,13 17,18,22
X	US4916030 A (CHRISTODOULOU et al.) 10-04-1990 <b>The whole document</b>	1,3-5,8 10-14,16 17,20,22, 23
A	Zhang, X. et al. "IN SITU TECHNIQUE FOR SYNTHESIZING (TiB+TiC)/Ti COMPOSITES". Scripta Materialia. Jun 1999. Vol. 41. N°1. Pages 39-46 <b>The whole document</b>	
A	Tjong, S.C. and Ma, Z.Y. "Microstructural and mechanical characteristics of in situ metal matrix composites" Materials Science and Engineering. 15-08-2000. R29. N°3-4.  <b>Pages 49-113. The whole document</b>	

 Further documents are listed in the continuation of Box C. See patent family annex

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
**05 JUL 2004 (05.07.04)**Date of mailing of the international search report  
**26 JUL 2004 (26.07.04)**Name and mailing address of the ISA/  
**S.P.T.O.**  
Facsimile No.Authorized officer  
Telephone No.